

1. A lightweight oxygen delivery device for a patient comprising:
  - (a) an elongated tube, the tube being bendable to a particular shape and capable of maintaining that shape, the tube to carry oxygen and having a first end and a second end, the first end to be releasably connectable to an oxygen delivery source;
  - (b) a rigid elbow having a pair of ends and an oxygen delivery passageway extending between those ends, one of those ends being secured to the second end of the tube;
  - (c) an oxygen diffuser connected to the other end of the elbow, the diffuser comprising a body having a wall, the interior surface of which wall is of generally concave configuration, circumscribing a centrally positioned oxygen outlet communicating with said other end of the elbow so as to receive oxygen from the elbow and direct the flow of oxygen delivered from the elbow generally towards the patient's nose and mouth;
  - (d) a baffle seated within the diffuser over the oxygen outlet, the baffle shaped and positioned so as to change oxygen flow from the diffuser from jet flow to turbulent flow;
  - (e) a support for the diffuser, the support comprising a securing means for the elongated tube, the securing means being located at the vertex of front portions of rigid arms forming a v-shaped front of the support, a resilient front strap extending between rear portions of the arms and a resilient back strap extending

between ends of the rear portions of the arm, in operation, the back strap arranged so as to extend behind a user's head and be releasably adjustable to an operative length to seat the support securely on a user's head with a portion of the front of the user's face bearing against the front strap, so that, when so seated, the diffuser is held in a position spaced from proximal to the patient's nose and mouth.

2. A device according to claim 1, wherein the securing means and front portions and rear portions of the arms are of integral construction.

3. A device according to claim 1, wherein one end of the back strap is anchored to a corresponding arm, and another end of the strap is slidable and releasably securable within a keyway aperture in the end of the other arm to permit adjustment of the operative length of the back strap.

4. A device according to claim 1, wherein the elongated tube is a flexible tube within which a wire is embedded to permit bending of the tube to a particular shape and maintaining of that shape.

5. A device according to claim 1 further comprising a means positioned on an arm of the support for securing an intake for a carbon dioxide monitor, and an intake for a carbon dioxide monitor is secured to said means.

6. A device according to claim 1, wherein the straps are of rubber.

7. A device according to claim 1, wherein the diffuser wall is of cup-shaped appearance, extending from a base where the oxygen outlet is positioned, outwardly and upwardly to an edge of triangular peripheral contour.

8. A device according to claim 7, wherein the corners of the edge are rounded and one of the corners, intended when in use to be the uppermost corner, and portions of the wall edge proximal to said one of the corners, are slightly raised with respect to the other corners and edge portions, to facilitate direction of oxygen towards a patient's nose and mouth.

9. A device according to claim 8, wherein the baffle comprises a post centrally positioned in the diffuser body and upwardly extending from the oxygen outlet, the post terminating in a cap having sides downwardly and outwardly extending towards the oxygen outlet.

10. A device according to claim 5, wherein the diffuser wall is of cup-shaped appearance, extending from a base where the oxygen outlet is positioned, outwardly and upwardly to an edge of triangular peripheral contour.

11. A device according to claim 9, wherein the corners of the edge are rounded and one of the corners, intended when in use to be the uppermost corner, and portions of the wall edge proximal to said one of the corners, are slightly raised

with respect to the other corners and edge portions, to facilitate direction of oxygen towards a patient's nose and mouth.

12. A device according to claim 1, wherein the diffuser is provided with a swivel attachment to the elbow whereby the diffuser may be rotated 360° on the elbow.

13. A device according to claim 4, wherein the carbon dioxide monitor tube is flexible and a wire is embedded therein to permit bending of the tube to a particular shape and maintaining of that shape.

14. A device according to claim 1, wherein the securing means comprises a sleeve for securing the elongated tube.

15. A support for an oxygen diffuser for delivering a plume of oxygen-enriched air to a space in front of a patient's nose and mouth, the support comprising a means for holding a tube associated with the oxygen diffuser, said means located at the vertex of front portions of rigid arms forming a v-shaped front of the support, a resilient front strap extending between rear portions of the arms, a resilient back strap extending between ends of the rear portions of the arms, in operation, the back strap arranged so as to extend behind a user's head and be releasably adjustable to an operative length to seat the support securely on a user's head with a portion of the front of the user's face bearing against the front strap, so that, when so seated, the

diffuser is held in a position spaced from but proximal to the patient's nose and mouth.

16. A support according to claim 15, wherein the means for holding the tube is a sleeve.

17. A support according to claim 16, wherein the sleeve and front portions and rear portions of the arms are of integral construction.

18. A support according to claim 15, wherein one end of the back strap is anchored to the corresponding arm, and another end of the back strap is slidable and releasably securable within a keyway aperture in the end of the other arm, to permit adjustment of the operative length of the back strap.

19. A support according to claim 15 comprising a means on an arm of the support for securing an intake for a carbon dioxide monitor.

20. A support according to claim 15, wherein the straps are of rubber.